

(FILE 'HOME' ENTERED AT 16:23:14 ON 12 JAN 2007)

FILE 'BIOSIS, CAPLUS, CABA, AGRICOLA' ENTERED AT 16:23:28 ON 12 JAN 2007

L1	234 S VIP3?
L2	14 S L1 AND REVIEW
L3	2 S VIP3C?
L4	95 S VEGETATIVE INSECTICIDAL PROTEIN
L5	54 DUPLICATE REMOVE L4 (41 DUPLICATES REMOVED)
L6	229 S VIP? AND BACILLUS
L7	135 DUPLICATE REMOVE L6 (94 DUPLICATES REMOVED)
L8	100 S L7 AND ENGLISH/LA
L9	100 DUPLICATE REMOVE L8 (0 DUPLICATES REMOVED)

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<!--StartFragment-->RESULT 1
US-09-002-285-82
; Sequence 82, Application US/09002285
; Patent No. 6369213
; GENERAL INFORMATION:
; APPLICANT: Schnepf, H. Ernest
; APPLICANT: Wicker, Carol
; APPLICANT: Narva, Kenneth E.
; APPLICANT: Walz, Michelle
; APPLICANT: Stockhoff, Brian
; APPLICANT: Muller-Cohn, Judy
; TITLE OF INVENTION: Toxins Active Against Pests
; NUMBER OF SEQUENCES: 105
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville
; STATE: Florida
; COUNTRY: USA
; ZIP: 32606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/002,285
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/886,615
; FILING DATE: 1-JUL-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/674,002
; FILING DATE: 1-JUL-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Sanders, Jay M.
; REGISTRATION NUMBER: 39,355
; REFERENCE/DOCKET NUMBER: MA-701C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (352) 375-8100
; TELEFAX: (352) 372-5800
; INFORMATION FOR SEQ ID NO: 82:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 789 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-002-285-82

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Query Match          90.0%; Score 3617.5; DB 2; Length 789;
Best Local Similarity 90.6%; Pred. No. 2.5e-246;
Matches 716; Conservative 20; Mismatches 51; Indels 3; Gaps 2;

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Qy      1 MNKNNTKLSTRALPSFIDYFNGIYGATGIKDIMNMIFKTDGGNLTLDEILKNQQLNE 60
        |||
Db      1 MNKNNTKLSTRALPSFIDYFNGIYGATGIKDIMNMIFKTDGGNLTLDEILKNQQLNE 60

Qy      61 ISGKLDGVNGSLNDLIAQGNLNTLSKEILKIANEQNVLDVNNKLD AINTMLHIYLPK 120
        |||
Db      61 ISGKLDGVNGSLNDLIAQGNLNTLSKEILKIANEQNVLDVNNKLD AINTMLHIYLPK 120

Qy      121 ITSMLSDVMKQNYALSQIEYLSKQLQEISDKLDIINVNVLINSTLTETPAYQRIKYVN 180
        |||
Db      121 ITSMLSDVMKQNYALSQIEYLSKQLQEISDKLDIINVNVLINSTLTETPAYQRIKYVN 180

Qy      181 EKFEELTFATETTLKVKKDSSPADILDELTELTELAKSVTKNDVDGFEFYLNTFHDVMVG 240
        |||
Db      181 EKFEELTFATETTLKVKKDSSPADILDELTELTELAKSVTKNDVDGFEFYLNTFHDVMVG 240

Qy      241 NNLFGRSALKTASELIAKENVKTSGEVGNVYNFLIVLTALQAKAFLTLTTCRKLLGLAG 300
        |||
Db      241 NNLFGRSALKTASELIAKENVKTSGEVGNVYNFLIVLTALQAKAFLTLTTCRKLLGLAD 300

Qy      301 IDYTSIMNEHLNKEKEEFRVNILPTLSNTFSNPYAKVKGSDAKMIVEAKPGHALVGF 360

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Db      301 IDYTSIMNEHLNKEKEEPRVNILPTLSNTFSNPNYAKVKGSDDEDAKMIVEAKPGYALVGF 360
Qy      361 EMSNDSITVLKVYEAKLKQNYQVDKDSLSEVIYGD TDKLFCDQSEQIYYTNNIVFPNEY 420
Db      361 EMSNDSITVLKVYEAKLKQNYQVDKDSLSEVIYGD TDKLLCPDQSEQIYYTNNIVFPNEY 420
Qy      421 VITKIDFTKKMKTLYEVTANFYDSSTGEIDLNKKKVESSEAEYRTLSANDDGVYMP LGV 480
Db      421 VITKIDFTKKMKTLYEVTANFYDSSTGEIDLNKKKVESSEAEYRTLSANDDGVYMP LGV 480
Qy      481 ISETFLTPINGFGLQADENSRLITLTCKSYLRELLLATDLSNKETKLIVPPSGFISNIVE 540
Db      481 ISETFLTPINGFGLQADGNSRLITLTCKSYLRELLLATDLSNKETKLIVLP SGFISNIVE 540
Qy      541 NGSIEEDNLEPWKANNKNAYVDHTGGVNGTKALYVHKDGGFSQFIGDKLPKTEYVIQYT 600
Db      541 NGSIEEDNLEPWKANNKNAYVDHTGGVNGTKALYVHKDGGFSQFIGDKLPKTEYVIQYT 600
Qy      601 VKGKPSIHLKDENTGYIHYEDTNNNLKDYQTITKRFTTGTDLKGVYLILKSQNGDEAWGD 660
Db      601 VKGKPSIHLKDENTGYIHYEDTNNNLKDYQTITKRFTTGTDLKGVYLILKSQNGDEAWGD 660
Qy      661 KFTILEIKPAEDLLSPELINPNSWITTPGASISGNKLFINLGTNGTFRQSLSLNSYSTYS 720
Db      661 NFIIIEISPSEKLLSPELINTNNTSTGSTHISGNTLTLYQGGRGILKQNLQLDSFSTYR 720
Qy      721 ISFTASGPFNVTVRNSRXVLFERSNLMSSTSHISGTFKTESNNTGLYVELSRRSG--GGG 778
Db      721 VYFSVSGDANVRIRNSREVLFEK-RYMSGAKDVSEMFTTKFEKDNFYIELSQGNNLYGGP 779
Qy      779 HISFENVSIK 788
Db      780 IVHFNDVSIK 789
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<!--EndFragment-->

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<!--StartFragment-->RESULT 1
US-09-002-285-83
; Sequence 83, Application US/09002285
; Patent No. 6369213
; GENERAL INFORMATION:
; APPLICANT: Schnepf, H. Ernest
; APPLICANT: Wicker, Carol
; APPLICANT: Narva, Kenneth E.
; APPLICANT: Walz, Michelle
; APPLICANT: Stockhoff, Brian
; APPLICANT: Muller-Cohn, Judy
; TITLE OF INVENTION: Toxins Active Against Pests
; NUMBER OF SEQUENCES: 105
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville
; STATE: Florida
; COUNTRY: USA
; ZIP: 32606
; COMPUTER READABLE FORM:
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; OPERATING SYSTEM: PC-DOS/MS-DOS
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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/002,285
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/886,615
; FILING DATE: 1-JUL-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/674,002
; FILING DATE: 1-JUL-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Sanders, Jay M.
; REGISTRATION NUMBER: 39,355
; REFERENCE/DOCKET NUMBER: MA-701C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (352) 375-8100
; TELEFAX: (352) 372-5800
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2375 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-002-285-83

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Query Match          87.9%; Score 2080.2; DB 3; Length 2375;
Best Local Similarity 92.9%; Pred. No. 0;
Matches 2204; Conservative 1; Mismatches 159; Indels 9; Gaps 2;

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Qy      1 ATGAACAAGAATAACTAAATTAAGCACAAAGAGCCCTACCGAGTTTATTGATTATTTT 60
        |||
Db      1 ATGAACAAGAATAACTAAATTAAGCACAAAGAGCCCTACCAAGTTTATTGATTATTTT 60

Qy     61 AATGGCATTATGGATTGGCCACTGGGTATCAAAGACATTATGAATATGATTTTAAAAACG 120
        |||
Db     61 AATGGCATTATGGATTGGCCACTGGGTATCAAAGACATTATGAATATGATTTTAAAAACG 120

Qy    121 GATACAGGTGGTAATCTAACCTTAGACGAAATCCTAAAGAATCAGCAGTTACTAAATGAG 180
        |||
Db    121 GATACAGGTGGTAATCTAACCTTAGATGAAATCCTAAAGAATCAGCAGTTACTAAATGAG 180

Qy    181 ATTTCTGGTAAATTGGATGGGGTAAATGGGAGCTTAAATGATCTTATCGCACAGGGAAAC 240
        |||
Db    181 ATTTCTGGTAAATTGGATGGGGTAAATGGGAGCTTAAATGATCTTATCGCACAGGGAAAC 240

Qy    241 TTAAATACAGAATTATCTAAGGAAATCTTAAAAATCGCAAATGAACAGAATCAAGTCTTA 300
        |||
Db    241 TTAAATACAGAATTATCTAAGGAAATCTTAAAAATGCAAATGAACAGAATCAAGTCTTA 300

Qy    301 AATGATGTTAATAACAACTCGATGCGATAAATACGATGCTTCATATATATCTACCTAAA 360

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|||||
Db      301 AATGATGTTAATAACAACTCGATGCGATAAATACGATGCTTCATATATATCTACCTAAA 360
Qy      361 ATTACATCTATGTTAAGTGATGTAATGAAGCAAAATTATGCGCTAAGTCTGCAAAATAGAA 420
|||||
Db      361 ATTACATCTATGTTAAGTGATGTAATGAAGCAAAATTATGCGCTAAGTCTGCAAAATAGAA 420
Qy      421 TACTTAAGTAAGCAATTGCAAGAAATTTCTGATAAATTAGATATTATTAACGTAAATGTT 480
|||||
Db      421 TACTTAAGTAACAATTGCAAGAAATTTCTGATAAATTAGATATTATTAACGTAAATGTT 480
Qy      481 CTTATTAACCTACACTTACTGAAATTACACCTGCATATCAACGGATTAAATATGTGAAT 540
|||||
Db      481 CTTATTAACCTACACTTACTGAAATTACACCTGCATATCAACGGATTAAATATGTGAAT 540
Qy      541 GAAAAATTTGAAGAATTAACCTTTTGCTACAGAAACCACCTTTAAAAGTAAAAAAGGATAGC 600
|||||
Db      541 GAAAAATTTGAAGAATTAACCTTTTGCTACAGAAACCACCTTTAAAAGTAAAAAAGGATAGC 600
Qy      601 TCGCCTGCTGATATTCTTGATGAGTTAACTGAATTAAGTGAAGTAAAGTGTGTTACA 660
|||||
Db      601 TCGCCTGCTGATATTCTTGATGAGTTAACTGAATTAAGTGAAGTAAAGTGTGTTACA 660
Qy      661 AAAAATGACGTGTGATGGTTTTGAATTTTACCTTAATACATTCCACGATGTAATGGTAGGA 720
|||||
Db      661 AAAAATGACGTGGATGGTTTTGAATTTTACCTTAATACATTCCACGATGTAATGGTAGGA 720
Qy      721 AATAATTTATTCGGGCGTTCAGCTTTAAAACTGCTTCAGAATTAATTGCTAAAGAAAAAT 780
|||||
Db      721 AATAATTTATTCGGGCGTTCAGCTTTAAAACTGCTTCAGAATTAATTGCTAAAGAAAAAT 780
Qy      781 GTGAAAACAAGTGGCAGTGAAGTAGGAAATGTTTATAATTTCTTAATTGTATTACAGCT 840
|||||
Db      781 GTGAAAACAAGTGGCAGTGAAGTAGGAAATGTTTATAACTTCTTAATTGTATTACAGCT 840
Qy      841 CTACAAGCAAAAGCTTTTCTTACTTTAACAACATGCCGAAAATTATTAGGCTTAGCAGGT 900
|||||
Db      841 CTACAAGCAAAAGCTTTTCTTACTTTAACAACATGCCGAAAATTATTAGGCTTAGCAGAT 900
Qy      901 ATTGATTATACTTCTATTATGAATGAACATTTAAATAAGGAAAAAGGGAATTTAGAGTA 960
|||||
Db      901 ATTGATTATACTTCTATTATGAATGAACATTTAAATAAGGAAAAAGGGAATTTAGAGTA 960
Qy      961 AACATCCTTCTACACTTTCTAATACTTTTCTAATCCTAATTATGCAAAAGTTAAAGGA 1020
|||||
Db      961 AACATCCTTCTACACTTTCTAATACTTTTCTAATCCTAATTATGCAAAAGTTAAAGGA 1020
Qy      1021 AGTGATGAAGATGCAAAGATGATTGTGGAAGCTAAACCAGGACATGCATTGGTTGGGTTT 1080
|||||
Db      1021 AGTGATGAAGATGCAAAGATGATTGTGGAAGCTAAACCAGGATATGCATTGGTTGGGTTT 1080
Qy      1081 GAAATGAGCAATGATTCAATCACAGTATTAAGTATATGAGGCTAAGCTAAACAAAAAT 1140
|||||
Db      1081 GAAATGAGCAATGATTCAATCACAGTATTAAGTATATGAGGCTAAGCTAAACAAAAAT 1140
Qy      1141 TATCAAGTTGATAAGGATTCCTTATCGGAGGTTATTTATGGTGATACGGATAAATTATTT 1200
|||||
Db      1141 TATCAAGTTGATAAGGATTCCTTATCGGAGGTTATTTATGGTGATACGGATAAATTATTG 1200
Qy      1201 TGTCCAGATCAATCTGAACAAATATATTATACAAATAACATAGTATTTCCCAATGAATAT 1260
|||||
Db      1201 TGTCCAGATCAATCTGAACAAATATATTATACAAATAACATAGTATTTCCCAATGAATAT 1260
Qy      1261 GTAATTACTAAAATTGATTTCACTAAAAAAATGAAAACCTTTAAGATATGAGGTAACAGCG 1320
|||||
Db      1261 GTAATTACTAAAATTGATTTCACTAAAAAAATGAAAACCTTTAAGATATGAGGTAACAGCG 1320
Qy      1321 AATTTTATGATTCTTCTACAGGAGAAATTGACTTAAATAAGAAAAAAGTAGAATCAAGT 1380
|||||
Db      1321 AATTTTATGATTCTTCTACAGGAGAAATTGACTTAAATAAGAAAAAAGTAGAATCAAGT 1380
Qy      1381 GAAGCGGAGTATAGAACGTTAAGTGCTAATGATGATGGAGTGTATATGCCATTAGGTGTC 1440
|||||
Db      1381 GAAGCGGAGTATAGAACGTTAAGTGCTAATGATGATGGAGTGTATATGCCATTAGGTGTC 1440
Qy      1441 ATCAGTGAAACATTTTGGACTCCGATAAATGGGTTTGGCCTCCAAGCTGATGAAATTCA 1500
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      |||
Db      1441 ATCAGTGAAACATTTTGGACTCCGATAAATGGGTTTGGCCTCCAAGCTGATGGAAATTCA 1500
Qy      1501 AGATTAATTACTTTAACATGTAAATCATATTTAAGAGAACTACTGCTAGCAACAGACTTA 1560
      |||
Db      1501 AGATTAATTACTTTAACATGTAAATCATATTTAAGAGAACTACTGCTAGCAACAGACTTA 1560
Qy      1561 AGCAATAAAGAAACTAAATTGATCGTCCCACCAAGTGGTTTTATTAGCAATATTGTAGAG 1620
      |||
Db      1561 AGCAATAAAGAAACTAAATTGATCGTCTGCCAAGTGGTTTTATTAGCAATATTGTAGAG 1620
Qy      1621 AACGGGTCCATAGAAGAGGACAATTTAGAGCCGTGGAAGCAAATAATAAGAATGCGTAT 1680
      |||
Db      1621 AACGGGTCCATAGAAGAGGACAATTTAGAGCCGTGGAAGCAAATAATAAGAATGCGTAT 1680
Qy      1681 GTAGATCATACAGGCGGAGTGAATGGAATAAGCTTTATATGTTTCATAAGGACGGAGGA 1740
      |||
Db      1681 GTAGATCATACAGGCGGAGTGAATGGAATAAGCTTTATATGTTTCATAAGGACGGAGGA 1740
Qy      1741 TTTTCACAATTTATTGGAGATAAGTTAAACCGAAAACCTGAGTATGTAATCCAATATACT 1800
      |||
Db      1741 TTTTCACAATTTATTGGAGATAAGTTAAACCGAAAACCTGAGTATGTAATCCAATATACT 1800
Qy      1801 GTTAAAGGAAAACCTTCTATTCATTTAAAGATGAAATACTGGATATATTCATTATGAA 1860
      |||
Db      1801 GTTAAAGGAAAACCTTCTATTCATTTAAAGATGAAATACTGGATATATTCATTATGAA 1860
Qy      1861 GATACAAATAATAATTTAAAGATTATCAAACATTACTAAACGTTTACTACAGGAACT 1920
      |||
Db      1861 GATACAAATAATAATTTAAAGATTATCAAACATTACTAAACGTTTACTACAGGAACT 1920
Qy      1921 GATTTAAAGGGAGTGTATTTAATTTTAAAGTCAAATGGAGATGAAGCTTGGGGAGAT 1980
      |||
Db      1921 GATTTAAAGGGAGTGTATTTAATTTTAAAGTCAAATGGAGATGAAGCTTGGGGAGAT 1980
Qy      1981 AAATTTACAATTTTAGAAATTAAGCCTGCGGAGGATTATTAAAGCCAGAAATTAATTAAT 2040
      |||
Db      1981 AACTTTATTATTTTGGAAATTAGTCCTTCTGAAAAGTTATTAAGTCCAGAAATTAATTAAT 2040
Qy      2041 CCGAATTCCTGGATTACGACTCCAGGGGCTAGCATTTTCAGGAAATAAACTTTTCATTAAC 2100
      |||
Db      2041 ACAAATAATTGGACAGTACGGGATCAACTCATATTAGCGGTAATACACTCACTCTTTAT 2100
Qy      2101 TTGGGGACAAATGGGACCTTTAGACAAAGTCTTTCATTAAACAGTTATTCAACTTATAGT 2160
      |||
Db      2101 CAGGGAGGACGAGGAATTTCTAAACAAACCTTCAATTAGATAGTTTTCAACTTATAGA 2160
Qy      2161 ATAAGCTTTACTGCATCAGGACCATTTAATGTGACGGTAAGAAATCTAGGGRAGTATTA 2220
      |||
Db      2161 GTGTATTTTCTGTGTCCGGAGATGCTAATGTAAGGATTAGAAATCTAGGGAAGTGTTA 2220
Qy      2221 TTTGAACGAAGCAACCTTATGTCTTCAACTAGTCATATTTCTGGGACATTCAAACTGAA 2280
      |||
Db      2221 TTTGAAAAAGATA---TATGAGCGGTGCTAAAGATGTTTCTGAAATGTTCACTACAAAA 2277
Qy      2281 TCCAATAATACCGATTATATGTAGAACTTTCCC-----GTCGCTCTGGTGGTGGTGGT 2334
      |||
Db      2278 TTTGAGAAAGATAACTTTTATATAGAGCTTCTCAAGGGAATAATTTATATGGTGGTCTCT 2337
Qy      2335 CATATATCATTTGAAAACGTTTCTATTAAATAA 2367
      |||
Db      2338 ATTGTACATTTTAACGATGTCTCTATTAAGTAA 2370
<!--EndFragment-->
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